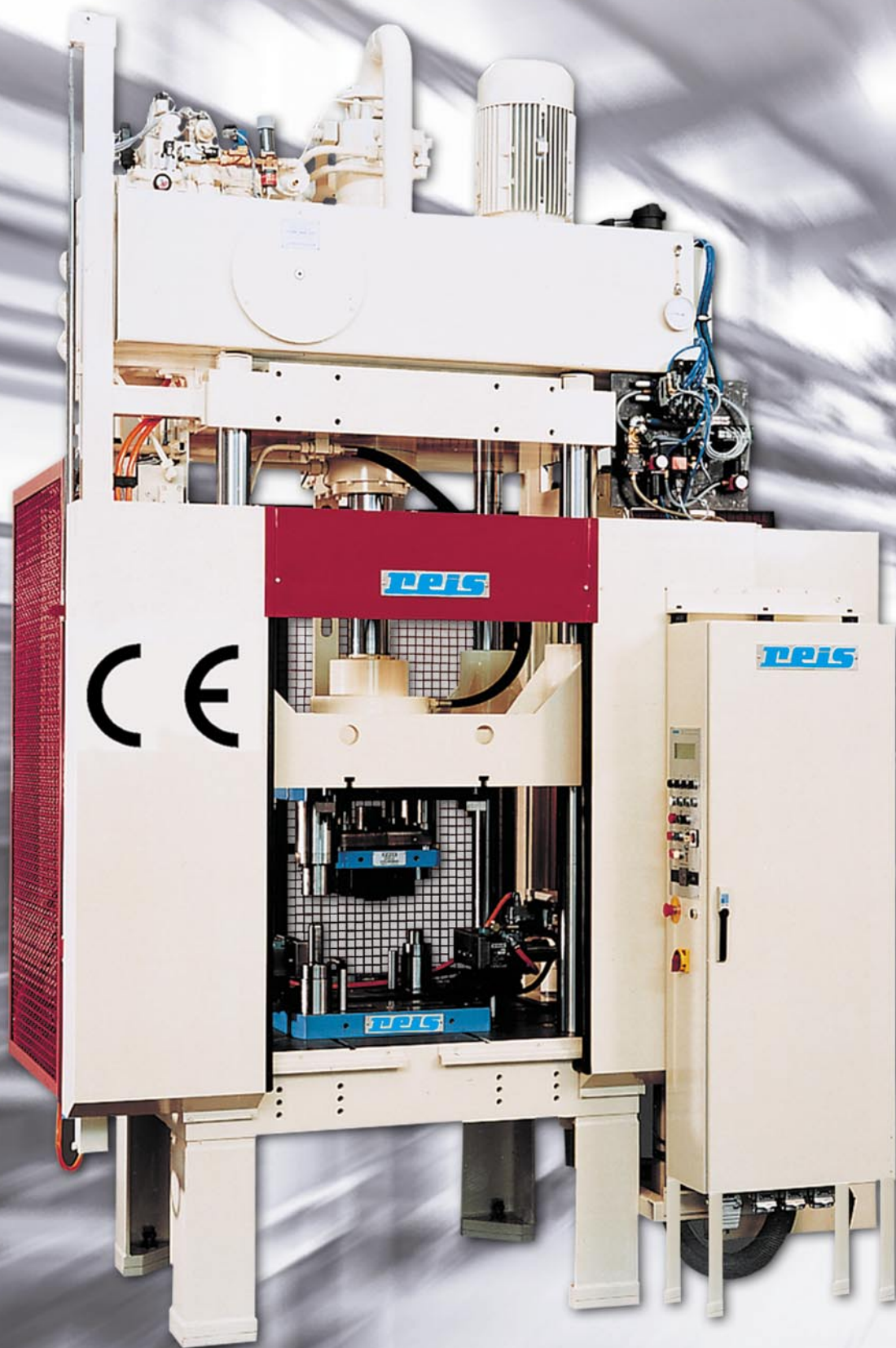


REIS TRIM PRESSES



**PRECISE
& LONG-LASTING**

REIS
REIS ROBOTICS

Leading in trim press construction

Guaranteed quality and reliability

Maximum output in all fields of efficient complex processing of cast machining. More than 30 different sizes and models with 3 or 4 columns will ensure the optimum solution.



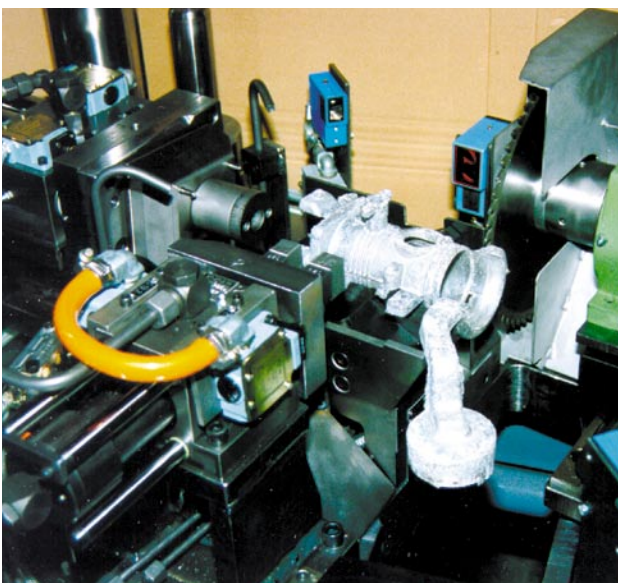
Manual operation possible at any time, even during robot operation.

The complete series with pressure capacity 200 kN up to 2000 kN

Type	clamping dimensions
SEP 8	820 x 700 mm
SEP10	1020 x 1085 mm
SEP13	1320 x 1085 mm
SEP16	1660 x 1270 mm
SEP22	2240 x 1800 mm

YOUR ADVANTAGES:

- Precise cut and long lasting tools due to low-play column guiding and rigid press frame
- Press controlled additional processing such as drilling, sawing, threading, milling in the trim tool ensure high efficiency
- Press room accessible from all sides
- High press speeds for shortest work cycles
- Safety due to CE type test



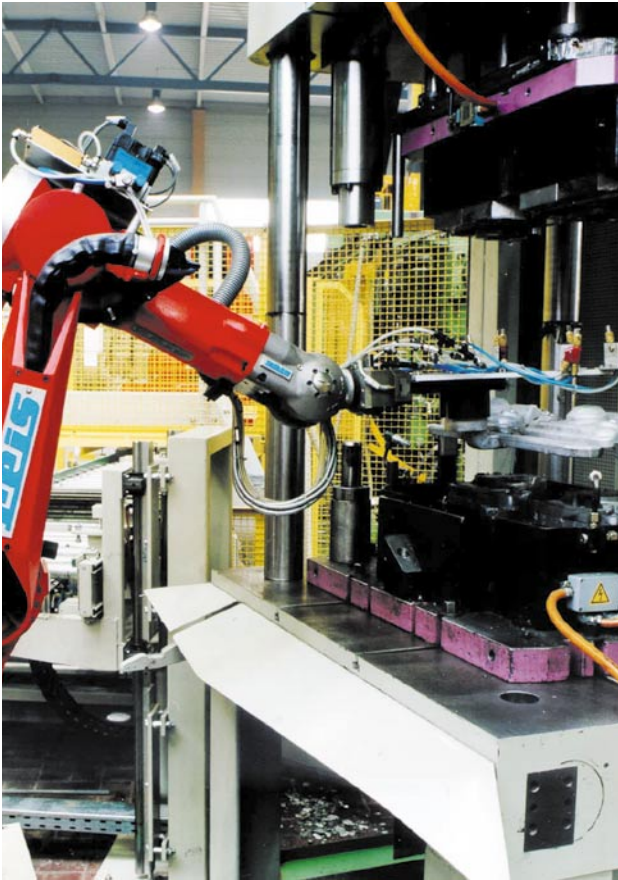
Trimming and sawing in one tool. With automatic scrap removal for robot operation.



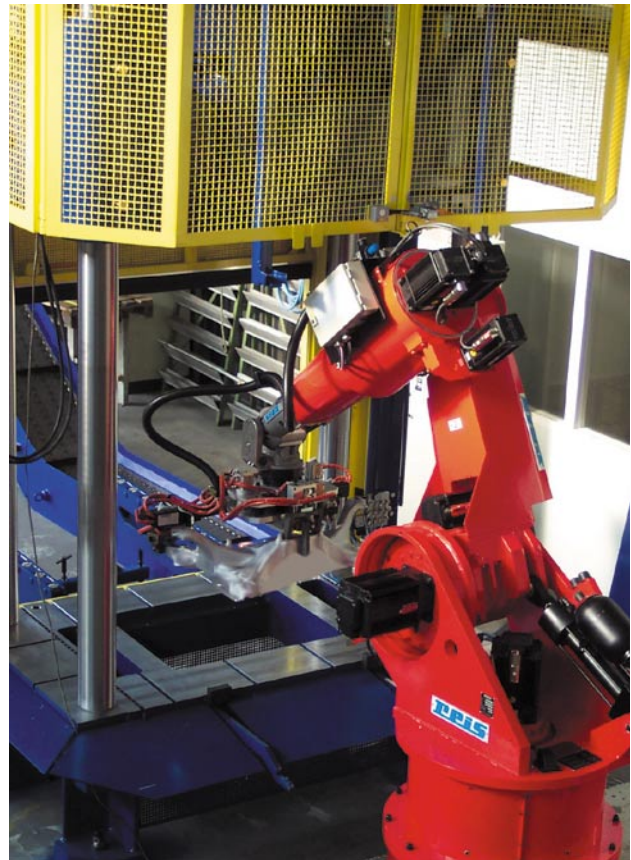
Complete trimming of aluminum sand parts. Manual operation in combination with a separate REIS saw.

Efficient in automated operation

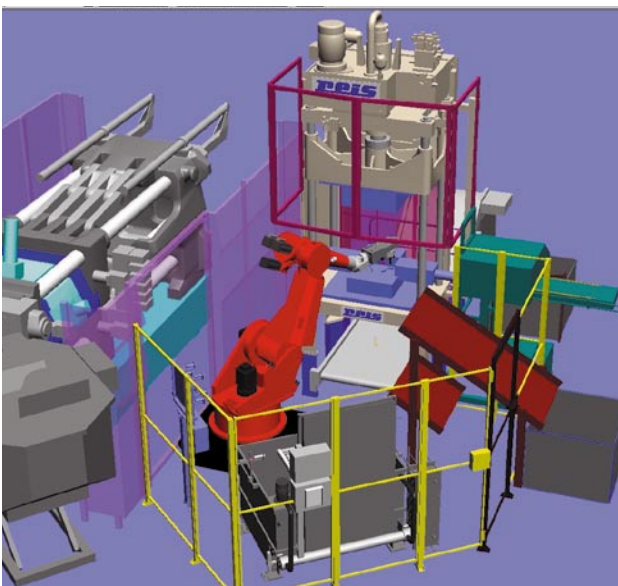
Trimming and machining in all planes. Flexible and easy to integrate into an automated casting cell. High reliability even for complex tasks.



3-column-press with automated loading by means of robot. Free access during tool change.



Loading the press by means of a REIS robot from the rear side. The operator side is open for service actions at the tool without interrupting the production.



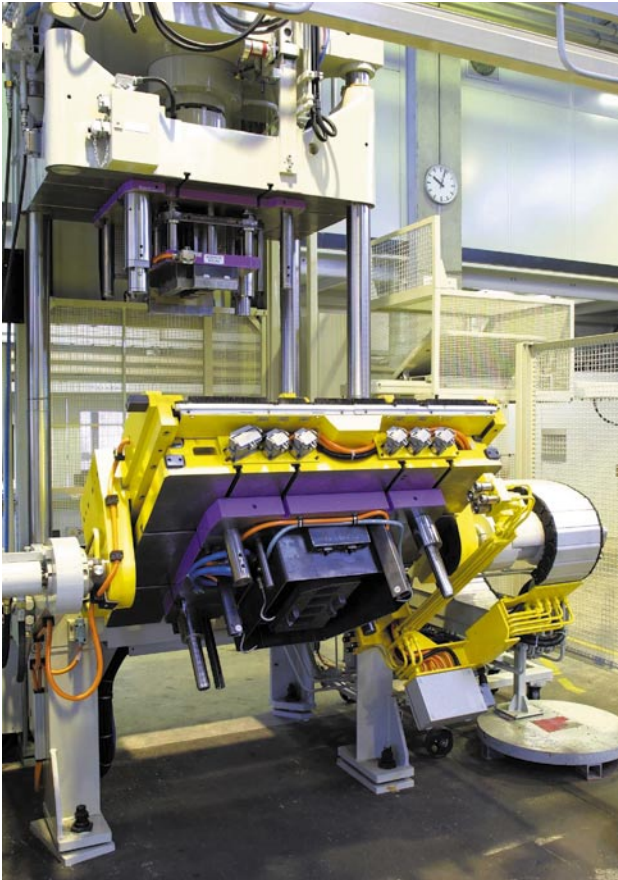
REIS trim press with free access in an automated diecasting cell.

YOUR ADVANTAGES:

- Large clearances and table apertures for automated scrap removal
- Free access of the press operator side for short-term interventions during robot operation
- Daylights and strokes may be adapted to the application task
- Sliding safety grids for optional manual or automatic mode with robot
- Press - robot - tools and processing stations from one hand for an optimum adaptation
- Communication interfaces with multiple possibilities for up-to-date casting production

Economic - operationally reliable - efficient

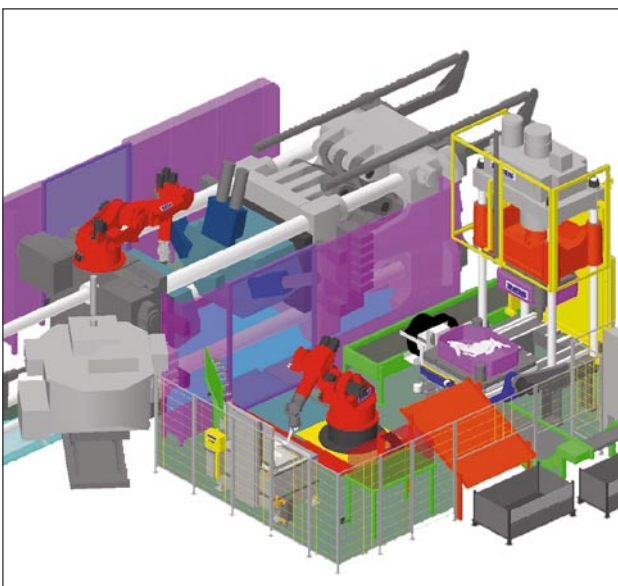
Sliding-/tilting-table presses for process safe automation. Wide experience of REIS will guarantee systematic quality and performance.



Process safe automation due to freely programmable 180° sliding/tilting table. Hydraulic slide connectors, air blast device are moving along.



Free loading of a press by means of robot in an automatic casting cell.



Fully automated casting cell with integrated sliding-/tilting table press.

YOUR ADVANTAGES:

- Optimum change-over with minimum effort
- Modular flexible system for multiple casting cell design
- Process safe scrap removal and tool cleaning
- Like on the standard press, complete accessories for additional operations at the part are possible
- High stability and short cycle times due to low daylight and small strokes
- Manual operation for short-time emergency operation is possible

Quick cost-saving change-over

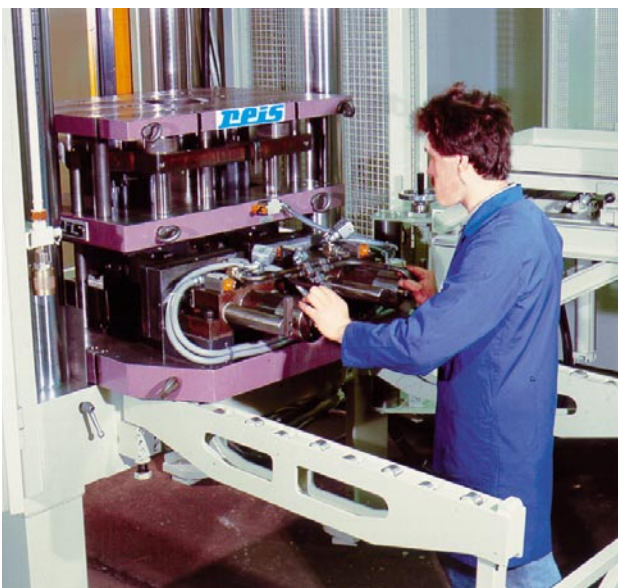
Important accessories increase the benefit and the profitability. REIS presses offer indispensable advantages for the caster.



Part removal for output and separation of finished parts. Adjustable in height, easy to handle. Movable for tool change.



Trim presses with hydraulic tool change slides for large, heavy tools. Change-over via pushing a button, easy and quick.



Quick and precise tool change. Tool centering at platen or ram will ensure an exact positioning.

YOUR ADVANTAGES:

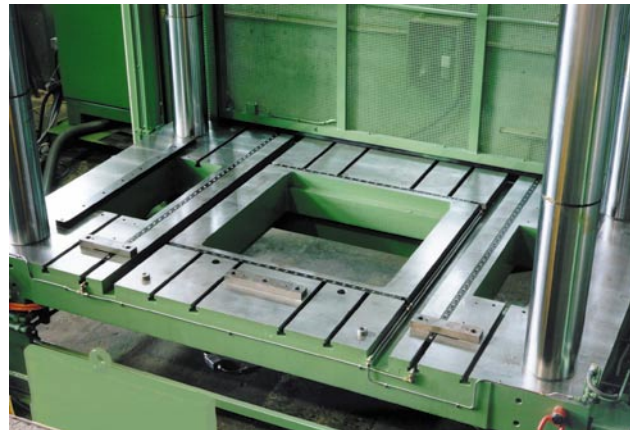
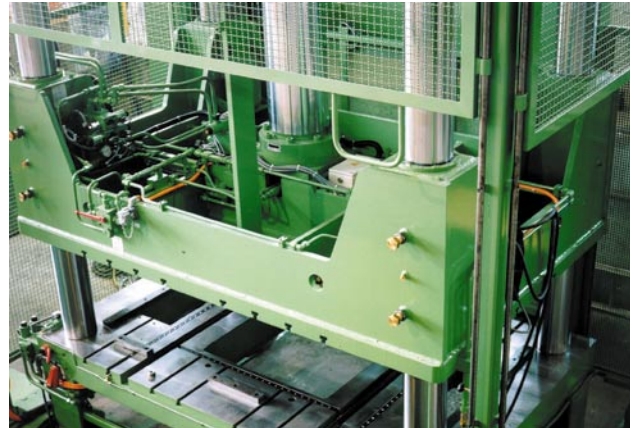
- Parts removal unit movable and adjustable in height. Easy and flexible to set during tool change
- Hydraulic tool change slide. Docking and changing the tool by a push of a button
- Optionally mechanic or hydraulic rolling elements are available depending on load
- Tool centering at the press table or at the press ram ensure a setting with exact repeatability. No re-teaching of the robot programs required
- 3-column-design for easy change of tools by means of side slides

Leading due to technology and longevity

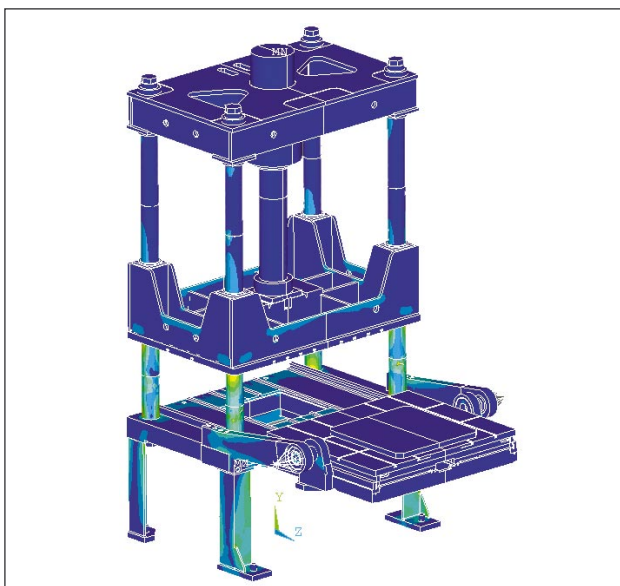
First class mechanical engineering ensures service quality for product lifetime. Precision and accuracy are the base for an optimum result.



Mechanics suitable for foundries with extremely low-maintenance and low-play 3-or 4-column guidings.



Solid, rigid press frame. Large apertures for the automatic scrap removal.



All presses of REIS are FEM optimized. Quality in all details

YOUR ADVANTAGES:

- Solid mechanics suitable for foundries, FEM optimized
- Constant distribution of power and pressure at the press ram due to ribbed box profile
- High rigidity against jamming due to extra long precision guidings. Sealed and secured with special scrapers
- Precise trim cut due to ground, highly precise guidings, almost maintenance-free with emergency running properties. Optionally also possible with central lubrication
- As a standard feature the rear column can be drawn right or left. Simply move free by clamping with the press ram

Advantages due to performance and comfort

Low operating costs due to efficient, state-of-the-art hydraulics and operator-friendly control. CE-conformity with high safety.



Hydraulic unit at a hydraulic high capacity press, easy-to-service, reliable.

YOUR ADVANTAGES:

- The hydraulic components correspond to the latest EC standards and are arranged in block design clearly and easy-to-service
- Optionally the speed and the pressure output for all movements may be programmed by using state-of-the-art proportional hydraulics
- Smooth movement of the ram without jerks in all positions, gentle for all components at the press
- Advance units for additional processing such as sawing, drilling, threading may be freely programmed and controlled
- Precise work positions of the ram. Exact stops for processing with side slides, even on the reversing stroke

YOUR ADVANTAGES:

- Clear display with menu guiding
- Two programmable work speeds
- Error decoded text display in OP
- Remote maintenance via modem
- Future oriented safety concept for service interventions during automatic operation with robot
- Password protected programming planes tool monitoring which in case of error will support the operator
- Operating surface available in several languages
- Profibus connection for an up-to-date data interlinkage



Easy to operate and program due to menu guiding. Status indication and diagnosis in plain text.

Complete automation systems

40 years of experience and more than 2000 delivered installations are a unique proof for capability/efficiency. Competence and reliability are the base for the success.



Complete automation systems for die casting. Removal robot, spraying robot, insertion robots, interlinkage and handling robots. Trim presses with cutting and processing tools. Processing stations for sawing, drilling, threading and milling. Further peripheral equipment such as parts cooling, parts control, parts check, marking and parts tracking.

YOUR ADVANTAGES:

- Development of customer specific complete solutions with trimming installations, tools and processing stations
- Planning and delivery of complete systems for an efficient casting production with highest economic efficiency
- Trim tools for trimming in all planes for all sorts of casting. Multi-purpose tools with integrated mechanic processing in the trim tool. Drilling, milling, threading and sawing in one clamping
- Processing stations for trimming, sawing, threading, drilling and milling for integration in an automatic production line
- Complete casting lines for chill casting with casting robots, removal robots and the complete premachining of parts

REIS
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